

A Record of
Continuous News Service
for 43 Years



Official
Undergraduate News Organ
of Technology

Vol. XLIV No. 96

CAMBRIDGE, MASS., WEDNESDAY, MARCH 18, 1925

Five Cents

RADIO DISCUSSED AT LAST POPULAR SCIENCE LECTURE

Professor Kennelly of Electrical
Engineering Department
Speaks at Lecture

MOTION PICTURES SHOWN

Advantages Derived by Amateurs
Explained—Service Rendered
World and Nation

"Radio has made possible communication between the two most distant peoples on earth in one-tenth of a second," said Professor A. E. Kennelly of the Department of Electrical Engineering at the Popular Science lecture last Sunday. "Its effect will be shown in our social system. There can be but one people, one set of laws, one or a select few languages on a tenth of a second world."

Professor Kennelly's lecture was the last this season of the lectures on scientific subject of popular interest given each year by the Society of Arts. "Radio and its Under-Lying Principles" was the subject. The lecture began with a discussion of the fundamentals of wave propagation and discussed all phases of the subject down to the effect upon radio of the amateur.

The talk was in a large degree technical, explaining the scientific causes of radio phenomena. Shielding and absorption of waves by large cities and reflection of waves were illustrated by the use of Hertzian waves with various substances as shields.

Motion pictures illustrated the principle of the audion tube, showing the function of the filament, grid, and plate and the method by which the grid serves as an aid in rectification. Professor Kennelly explained its use in detecting and amplifying radio waves.

Location of ships at sea when they have lost their bearings and cannot take observations is effected by radio.

(Continued from Page 2)

FLYING TRAINING WILL BE GIVEN 30 STUDENTS

Thirty students of the Air Service Units, graduating and commissioned as reserve officers this June, will be sent to the primary flying schools for flying training this year, according to a statement from the Adjutant General of the Army, received by Colonel Phisterer, head of the Military Science Department.

This is the first time a definite allotment has been made for this work. Students will be chosen by merit from the Air Service R. O. T. C. Units maintained in six of the colleges of the country.

During the four months training period, the reserve officers taking the training will receive the full pay and allowances of the rank they hold in the reserve, which includes 50 per cent increase of the base pay for flying. In the case of a second lieutenant this pay totals \$205.50 per month with living quarters and medical attendance, and if no living quarters are obtainable he receives \$245.50. For a man just graduating from college, according to the Military Science Department, four months of such training nets him nearly \$1,000.

T. C. A. HAS SECURED MANY TIME-TABLES

All men planning to go home during the vacation are urged to make use of the new time-table service department of the T. C. A. time-tables for 27 different railroads, steamships, and bus lines have been placed in a rack in the front office for the convenience of the students.

Students are invited to take any of the time-tables if there is another table of the same kind left in the rack. For some railroads there are only one table and the department would like to keep the set complete.

The T. C. A. will remain open as usual during the vacation to be of service to any students at the Institute. G. C. Spear, Jr., '25, has a few temporary jobs for students during the vacation.

Men having books that they wish to exchange are urged to leave them at the T. C. A. office immediately. Students are permitted to charge two-thirds of their purchase price.

GERMAN STUDENTS TO INSPECT TECHNOLOGY

Group of Students to Follow Professors in Fall

Drs. Weber and Habig of the University of Koeln, Germany were at the Institute last Thursday making a preliminary visit preparatory to bringing thirty of their students on an inspection trip to the Institute next fall.

They are taking these students, who are interested primarily in Economics and kindred subjects to a number of American cities, including Boston, Buffalo, Detroit, Chicago, Pittsburgh, Gary, Washington, and New York, visiting educational institutions and some of the larger industrial plants. The group expects to reach Technology about October 6.

CLUBS TO PRESENT NEW NOVELTY ACT

Saxophone Quintet Will Feature At Annual Concert With Dartmouth

Contrary to the statement made in the last issue of THE TECH the ticket sale for the Technology-Dartmouth Concert will be continued on March 25, 26, 27, and 28 to accommodate those who have not yet purchased their tickets. The ticket booth in the main lobby will be open all day from 9 until 5 o'clock on the 25th and from 9 until 2 o'clock on the following days. The program for the joint concert will include one performance by the banjo, mandolin, and glee clubs of both the Dartmouth and Technology organizations with the addition of one specialty act by each of the aggregations. For the Combined Musical Clubs the specialty number will probably be a saxophone quintet. The men have been working on the act for the last week or so and expect to have it ready for the 28th. This type of specialty act is rather different than the usual kind that the clubs have been producing. Dartmouth has not yet announced their novelty number.

There will be no reserving of seats in blocks for the affair. At most of their large concerts the clubs have been in the habit of reserving groups of seats for fraternities and other organizations but at the Tech-Dartmouth concert, the only arrangement will be that the Technology men and their guests will occupy one side of the hall while the other will be reserved for Dartmouth.

Favors will not be given out on the evening of the performance. The music for the dance following the concert will be supplied continuously by the orchestras of the two clubs. Dancing will begin about 9:45.

T. C. A. CABINET WILL ELECT OFFICERS SOON

The annual election of officers for president, vice president, and treasurer of the T. C. A. cabinet will be held on Monday, March 30. The nominating committee, composed of J. A. Hoxie '25, Harrison Browning '25, and T. H. Joyce '25 have nominated the officers but will not make them public until next Wednesday.

The election will be by cabinet members. The elected men will take office on April 15.

Open House Plans Gather Momentum As Day For Visitors Approaches

An effort is being made to make this year's Open House of the Combined Professional Societies more successful than ever before. A large amount of advertising is being done, or planned for the near future; letters are being sent to manufacturers, high schools and others who are interested in the progress and operation of Technology.

There will be a larger supply of guides this year than before. Guides will be at all doors left open, so that the visitors will be met and conducted to the meeting place, which will be either the main lobby or Building 5. This detail has not been definitely decided as yet. From the central meeting point, the crowd will be sent out in groups of thirty-five or fifty in the charge of a special guide, who will be given a number to wear so that the party will not become separated from him in going through the laboratories. In each laboratory permanent guides will be stationed who are most familiar with that line of work. These men will explain the working of the various apparatus, and tell what the different students are doing who are performing experiments.

Co-operation is expected from the faculty and student body in making this a success. Students will be asked to make up any back experiments at this time so that the apparatus will be in use. The various departments, professional societies, and other organizations will put on exhibits. The military science department is planning to show what the various units are do-

ing; the Aeronautical Society will have models arranged; the Naval Architects have their model room ready for inspection showing their own work, and that of the fishermen of Labrador.

Models in various stages of completion will be placed on exhibition in the model construction room. The Naval Architects plan to show the public how the points from the drawings are prickled through onto the boards, which are then sawed roughly to shape. After fastening the boards into the rough form of a hull, the men work down to the lines by hand. At this stage the models are painted, or marked to show just how the plates go on. It is found that much more accurate work can be done in this manner, because it is not necessary to visualize curves of the boat on a drawing.

An article giving full details of the models to be exhibited by the Aeronautical Society will appear in the next issue of the T.E.N.

The inspection is expected to last about three hours, beginning at 8 o'clock and ending at 11. There will be the main inspection trip, and several special trips, arranged for those who are particularly interested in some one department. Final plans will be decided on at the last meeting of the open house committee, the first of next term.

A drive for volunteers to serve as guides will be begun soon. R. F. Needham '25, in charge of this part of the open house program said that at least two hundred guides will be wanted.

TECHNOLOGY WILL BE BENEFICIARY OF E. D. BARBOUR

Harvard, Radcliffe and Technol- ogy to Receive \$20,000 Each Year

WILL TO BE CONTESTED

Three Institutions to Receive Remainder On Death Of Daughter

According to newspaper reports the institute is to be the recipient of \$20,000 a year under the terms of E. D. Barbour's will recently probated in the Suffolk Probate Court. Harvard and Radcliffe Colleges are to receive like sums under the terms of the will. Mr. Barbour, a prominent Boston business man died March 5 leaving \$200,000 in cash to his daughter, his only heir-at-law. Besides several small bequests he specified that his daughter, Mrs. F. P. Blair of Chicago, Harvard, Radcliffe College and Technology be given \$20,000 yearly from the income of his estate until the death of his daughter after which the residue is to be divided equally among the three colleges. This will mean approximately \$1,000,000 to each institution.

It is understood upon good authority that the will is to be contested as a former will left everything to his daughter. Under the conditions of the will the fund is to be used for the purpose of securing good citizenship and service to the community rather than for high scholarship.

This bequest is the second large gift to be received by Technology recently. George Eastman's donation of \$4,500,000 was announced last term. This was in addition to large sums given other colleges at the same time. Mr. Eastman had previously given several millions to the Institute. Another recent gift was the new dormitory which the class of 1893 presented to Technology last year.

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The annual election of officers for president, vice president, and treasurer of the T. C. A. cabinet will be held on Monday, March 30. The nominating committee, composed of J. A. Hoxie '25, Harrison Browning '25, and T. H. Joyce '25 have nominated the officers but will not make them public until next Wednesday.

The election will be by cabinet members. The elected men will take office on April 15.

WILL COMPLETE PLANS FOR SENIOR WEEK SOON

It is expected that plans for Senior Week will be completed soon after the third term gets under way. Examinations have interrupted the work of the Senior Week Committee but the schedule of events has been made out. The various sub-committees are going to continue their work during the vacation and will probably have their respective budgets ready by the first week of next term. Senior Week will begin June 11 and will end June 16.

Following is the order of events: Class dinner, Thursday, June 11; Pops Concert, Symphony Hall, Friday evening; Picnic, Saturday; on Sunday, the Baccalaureate Sermon; Monday, June 15, will be Class Day, and a Tea Dance will be held in the afternoon; Commencement will be Tuesday, and the festivities will cease on the same night with the Senior Prom.

G. C. Caine was elected Chairman of the Senior Week Committee by the members of the committee, who, in turn, were elected by a general class election, held several weeks ago. R. A. Mitchell was chosen treasurer, A. H. Stanton, secretary; and C. R. Muellenberg, member at large to the Executive Committee.

WILL REDEEM PROM SIGNUPS SHORTLY

Favors Selected But to Remain Secret Until Evening of Junior Affair

Junior Prom signups will be redeemed on March 30, 31, and April 1 in the main lobby from 12 until 2 o'clock. The price for redemption is the same as the cost of the signups, namely \$6. Anyone regardless of his class may redeem his signup at this time. There are still some signups available for those who may have decided by this time that they would like to attend the Prom. These may be obtained from any member of the committee. Signups will be on sale at Rogers tomorrow to enable the architects to secure Prom tickets.

Although the favors for the affair are to remain of an unknown nature until the night of the Prom, the committee announces that they have been selected and are being made by the L. G. Ballou Company of Attleboro. Other arrangements for the dance are under way and although not yet completed are progressing smoothly according to the committee.

Preliminary dance orders, invitations, and favor tickets will be distributed at the time of redemption of the signups. The committee again requests that all those who have not yet returned their seating preference cards, which were distributed with the signups, do so as soon as possible in order to facilitate arrangements for the supper following the dance.

MANY ALUMNI WILL BE BACK FOR THE REUNION

1920 Have Already Returned Favorable Replies

Many alumni have signified their intention of returning to Technology for the 1925 All-Technology Reunion in June. Cards were sent to all members of the Alumni Association asking whether or not it would be possible for them to attend the celebration.

Only nineteen days have elapsed since the cards requesting this information were distributed and already 1,920 of the alumni say that they will be in Cambridge on June 11 and 12.

The geographical distribution of these favorable replies shows 65 per cent from New England, 25 per cent from the Central Atlantic States, 5 per cent from the Middle West, 2 per cent from the West, and 1 per cent from Canada and U. S. Possessions. O. B. Denison '11, secretary-treasurer of the Alumni Association says that there are still 8,000. Alumni yet to be heard from and he expects the number of favorable returns to be materially increased.

The Alumni Association office has been bringing the Reunion to the attention of the graduates in many ways during the past few months. A monthly bulletin called "The Boomerang" is being issued, and all correspondence slo-

gan on the envelope. The slogan is: "Take Me Back To Tech."

TECH SHOW OPENS FOR FIRST TIME AT SOMERVILLE

Show Leaves Monday for Hartford and New York Performances Before Alumni

GO TO SMITH APRIL 4

Students May Get Reservations
On Show Train Returning
From New York

Practically all rehearsals for Tech Show have been completed, and "The Duchess of Broadway" will make its debut at the Somerville Theatre, Davis Square, Somerville on Friday evening. According to Ned Wayburn, show coach, the production is finished and ready to go on the stage. In his opinion, the dancing of the men in the chorus and ballet is better than that seen in the average amateur show, and the cast members, too, show unusual ability. A final dress rehearsal will be held on the day of the opening performance.

On Monday morning, the show train leaves Boston for Hartford where the second performance will be given on that evening. Reports indicate that practically every seat in the house has been sold for this performance to active alumni and the general public in Hartford. This is the third year that Tech Show has been presented in that city, the two previous productions having been received by capacity houses.

From Hartford, the show goes to New York to perform in the ball room of the Waldorf Astoria on Tuesday evening. Ticket sales to date in that city, too, prove that the show is receiving the support of New York Alumni. Dancing will follow the New York performance. A special train will be run from that city to Boston on Wednesday morning, leaving Grand Central Station at 4 o'clock and arriving in Boston early enough to give ample time for the men to register for the third term. Reservations may be made by any Institute student who intends to be in New York at the time by applying at the Tech Show office not later than 5 o'clock tomorrow afternoon. The train may be boarded at any time after midnight. Rates are slightly reduced, from the regular fares, and are \$11 for a lower berth and \$10 for an upper.

Tickets for the Somerville performance may be obtained in the main lobby from 11 to 2 o'clock, or at the Show Office, Room 301, Walker, until

(Continued on Page 4)

ONE GROUP OF VI-A LEAVES FOR PLANTS

If a change of occupation is a rest, the outgoing group of VI-A students are about to have a vacation. They will have evening classes twice a week, however, to remind them of what is going on at the Institute.

All of the graduates will be at the Institute this next term to finish their thesis so that there will be fewer men away than during other terms. Most of the men in the General Electric option will be stationed in Lynn. Of the sixteen men going to the two plants in that city, no large group work together, a few being assigned to each of the following departments: Motors, Turbine, Street Lighting, Meters and Instrument, Production, C. C. Transformers, Research. Of the remaining number in this option four are going to Pittsfield, and seven are going to Schenectady, the largest plant of the General Electric Company.

Students in the Edison and Boston Elevated Option have an advantage over the others in not having to leave the city, although a few men attached to the Lynn plants commute from Boston daily.

CALENDAR

- Monday, March 16
2:30—Technology Dames benefit bridge party, Emma Rogers Room.
Wednesday, March 25
9:00-3:00—Registration Day.
Saturday, March 21
7:30—Technology vs. University of Maine debate, room 5-330.
Friday, March 27
4:00—Civil Engineering meet, north hall, Walker.
8:00—Osgood lecture, room 5-330.
Saturday, March 28
8:00—Dartmouth-M.I.T. Concert.
8:00—Dartmouth-M.I.T. Concert.

Wednesday, March 18, 1925

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Official News
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In charge of this issue:

H. F. Howard '26

RING OUT THE OLD

THERE comes a time in the life of every volume of THE TECH when it must come to an end, and the members of the Managing Board must watch the new Board preempt the desks that they have been occupying for so long. It is with not a little regret that the Board of Volume XLIV announces that this is the last issue under their regime.

Starting with the new term, the management of THE TECH will pass on to the hands of the Managing Board of Volume XLV. The present Managing Board feels sure that the student body joins them in wishing the new board a most successful year.

CHEATING

WITH each set of examinations, there comes anew to men who have not done their work during the term, the temptation to accomplish by cheating that which they are unable to do by honorable means. Though the practice is by no means as prevalent here at Technology as it is in many other institutions, there are nevertheless scattered and isolated instances of dishonesty. Fortunately these instances are few and far between, but the Institute would be a great deal better off if they did not occur at all.

It seems scarcely worth while enumerating again all the arguments against cheating. They are known to every one before he leaves his Preparatory School. The moral side of the question has been stressed by every teacher since kindergarten days. We shall pass over this phase lest we bring up arguments that have by now become so trite and hackneyed as to be distasteful. Every one has had the fact thoroughly drilled into him that cheating harms only the man guilty of the indiscretion, and helps no one.

There is another side at which we may glance, from the point of view of one who is just on the line between passing and failing a course. Where there is any doubt as to whether or not a man deserves to pass, the marks of the class at large often influence the decision. A few high marks, obtained by underhand methods, might spell ruin and defeat for men who really earned a passing grade. So we see that aside from the usual objections to cheating on the grounds that it is morally wrong, and harms him who does it, there is another objection—the danger of causing worthy honest men to fail because a few selfish men were thoughtless enough to forget that honesty is the keynote of Engineering.

SHOULDERS TO THE WHEEL

RECENTLY the Institute Committee approved the holding of a drive in the Institute for the Beaver Baseball Team, which is to become the Institute Baseball team if it is successful this season. The team has already secured \$300 from the Advisory Council on Athletics and needs \$1200 more at least to complete its budget.

It has not yet been decided whether the drive will be run by the team itself, by the M.I.T.A.A. or by the Calumet Club. In any case its success will depend on student interest and student cooperation. To make a successful drive for \$1200 means that each man in the Institute must give a little less than fifty cents.

Student opinion is strongly in favor of a baseball team to represent the Institute against outside colleges. The Beaver team will play only college teams, and on its success or failure will depend the future of varsity baseball at the Institute. If it succeeds, next year the money for a baseball team will probably be provided without recourse to student solicitation.

There is not much time left. The baseball season begins either on April 11 or on April 16—which, is not yet certain. At any rate, when the drive is started it will be necessary for everyone to put his shoulder to the wheel in order to put over varsity baseball at Technology.

HARVARD SENIORS WILL RAISE ENDOWMENT FUND

Bursar H. S. Ford is quoted in a recent issue of the Harvard Crimson as a believer in the class endowment fund raised by insurance. The class of 1925 at the University is at present putting plans into operation for raising an anniversary gift similar to those of the classes of 1923 and 1924 here at the Institute, and has been making inquiries into the advantages to be gained.

The class has spent several months

in preparing its plan and in the report of the committee in charge part of the report given by the class of 1924 at Technology is included. The amount that it is hoped to raise is \$150,000 to be secured by policies of \$250 or its multiples. Another point of similarity to that of last year's graduating class is that the Aetna Life Insurance Company of Hartford, was finally chosen as best fitted to carry the plan out after propositions had been submitted by thirteen insurance companies.

Endowment by graduating classes is comparatively new at Harvard having first been tried last year, although the idea had been previously been carried out at Princeton and the Institute.

Communications

To the Editor:

In reference to the editorial "An Activity As a General Study" appearing in your publication on March 13, many readers have been enquiring if "the rumor which is in circulation about a prominent activity endeavoring to have the work of its participants credited as a general study" applies to the debating team. We wish to use this column to enlighten those who are in doubt.

Upon the request of certain members of the debating team and also as a result of a petition circulated by and among the students, a general study in argumentation and debate was added to the curriculum by the generosity and authority of the Head of General Studies, Professor Emerson. This general study appearing in the General Bulletin last fall as G.S.46.I, was open to all students in the Institute. It was elected by a few members of the debating team who felt that the course might assist them to more effective debating. This course was or is in no way connected with the student activity known as the debating team, an organization officially recognized by the Institute Committee.

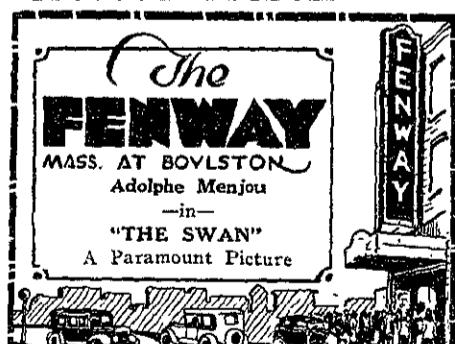
We are sure that THE TECH joins us in our desire to suppress this unwarranted rumor in as much as it, too, by the generosity of the Head of the English Department, Professor Pearson, is granted for its freshmen reporters relief from the regular work in English to enable them to enjoy the benefits of a course in Journalism, given by the English Department and the General Studies Department for their generosity to and cooperation with student activities, and to indicate to them that the activities indebted to them are in nowise in sympathy with this unsupportable and pernicious gossip.

Signed
F. A. Mlesker '27

The University of Chicago, through the benefice of John D. Rockefeller, the founder of the university, will start work early in the spring on its new \$1,500,000 chapel. Gothic in architecture, the miniature cathedral will take its place among the most beautiful university structures of the world. When complete the chapel will accommodate 2000 students while its transpetal tower will rear itself 200 feet above the quadrangle. The chapel is to be built because of the stipulation of Mr. Rockefeller that at least a million and a half dollars of his recent gift of \$10,000,000 be used for the erection of the chapel.

Play Directory

COLONIAL: "Kid Boots." Eddie Cantor at his best.
COLEY: "Dear Brutus." Reviewed in this issue.
HOLLIS: "Next Door." A comedy, formerly known as "Close Harmony."
MAJESTIC: "I'll Say She Is." Last two weeks.
NEW PARK: "Spin-Drift." Based upon Du Maurier's "Le Demi-Monde."
PLYMOUTH: "The Goose Hangs High." Comedy of domesticity.
ST. JAMES: "Lazy Bones." Reviewed in this issue.
SHUBERT: "Chauve Souris." Full of color and surprises.
SELWYN: "White Cargo." Africa continues to do the white man.
TREMONT: "The Grab Bag." Ed Wynn in his own show. Good.
WILBUR: "Beggar on Horseback." Last week. Very good.



St. JAMES

Huntington Ave. Back Bay 202
Mats. 2:15 except Mon. & Thurs.—Ev. 8:15

First Time in Boston!!

"LAZYBONES"

By Owen Davis
"A Second 'Lightnin'"

One of the Heat Exams was forecasted as a farce by the professor in charge, causing quite a bit of wonderment among the members of his class who didn't know exactly how to take the announcement. Unfortunately, things turned out wrong as it was a farce from his point of view—not theirs.

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WRESTLERS FIGHT FOR N.E. TITLE

CREW PRACTICE STARTS IN EARNEST TOMORROW

Tomorrow afternoon will mark the real beginning of crew practices for the coming season. With the launching of the three major eights the men will get down to hard work in preparation for the big schedule ahead of them. During the seven days of vacation before the commencement of the third term Bill Haines has called for two practices a day in order to make up for the time lost during examination week. These daily workouts are for the Varsity, Junior Varsity and 150 pound Varsity, for each one of these crews are scheduled to race within four weeks after the commencement of the third term.

Although no regular eights have been reporting for practice at the boathouse during the past week, many peculiar fours and eights have been mustered up to go out.

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Engineers Meet Harvard and Brown In Annual Encounter this Week End

Ted Coyle Favored to Win in 115 Pound Class—Tryon Also Has Good Chance

The engineer wrestlers meet the grappling teams from Harvard and Brown in the annual New England intercollegiates in the Hemenway Gym at Harvard this week end. Finals will be held on Saturday evening, the preliminary bouts being run off on Friday night.

Technology now holds the New England championship but is not favored to retain the title this year as the engineer mat men have been defeated by Brown and Harvard by good margins. Dartmouth has withdrawn from the annual event and in view of the fact that Williams has declined an invitation to compete it is in the nature of a triangular meet between Technology, Brown and the Crimson teams.

Kurtin Has Hard Assignment

Ted Coyle, representative of Technology in the 115 pound class, looks like an easy winner in this event as he has defeated Prosser of Brown by a fall in 7 minutes and had little trouble in winning the decision over Crook of Harvard in the Harvard-Tech encounter. Both Prosser and Crook will wrestle in the title meet this week end and there is every reason to believe that the engineer lightweight should come through.

Kurtin of Technology has had a fair record during the past season but will do very well to win over either Brightman of Brown or Goldberg of Harvard. The Providence wrestler threw Kurtin with little difficulty in 4 min., 41 sec., while Goldberg could get no better than a decision over the engineer mat man.

Hosch will represent Technology in the 135 pound event and in doing so has taken on a tough assignment, as Sterns of Harvard, who he pairs up against in this class, is the holder of the New England title for the past season. Sterns is the only wrestler whom the engineer has to fear as Hosch won an easy decision over Kolodziejczyk of Brown in this event in the Brown-Technology meet recently.

Captain Fred Greer of the engineers is back in the lineup again and is in fine fettle to make a good showing in the meet. He will meet up with Wood of Harvard and Friedman of Brown both of whom are accomplished wrestlers.

BULLDOG DEFEATS TECH FENCERS 7-4

Capt. Levis Stars for Engineers By Winning Three Bouts With the Foils

Yale University defeated Technological 7 to 4 in a combined fencing and epee tournament at New Haven Saturday. The contests with the foils were close and interesting, the Eli delegation having but a one point edge with this weapon over the visiting team. Yale won in all of the bouts with the epee.

Captain Joe Levis starred for Technology by taking all of his bouts from the Yale fencers with apparent ease, scoring 3 to 2 against each of the Bulldog fencers. Hawthorne accounted for Technology's fourth victory with the foils by defeating Brown of Yale 5 to 3.

Blake Out of Lineup

Elkins of the engineer team seemed a bit off form Saturday and failed to score a victory in any of the bouts in which he participated. He was easily defeated by Brown of the Yale delegation 5 to 2 and by Davenport and Elwell 5 to 3. Elwell and Davenport triumphed over Hawthorne of the engineers.

Blake did not make the trip to New Haven and consequently only two epee bouts were held. Yale had a two point edge with this weapon when Mouat and Mengal triumphed over Cole of Technology. The summary:

Foils—Levis (T) defeated Elwell (Y), 5 to 2; Davenport (Y) defeated Hawthorne (T), 5 to 2; Brown (Y) defeated Elkins (T), 5 to 2; Levis (T) defeated Davenport (Y), 5 to 2; Hawthorne (T) defeated Brown (Y), 5 to 3; Elwell (Y) defeated Elkins (T), 5 to 3; Elwell (Y) defeated Brown (Y), 5 to 2; Elwell (Y) defeated Hawthorne (T), 5 to 2; Davenport (T) defeated Elkins (T), 5 to 3.

Epee—Mengal (Y) defeated Cole (T), 1 to 0; Mouat (Y) defeated Cole (T), 1 to 0.

Norwich University defeated the Technology rifle team 1925 to 1905 in a meet shot recently, the results of which were announced by Manager Hamilton during the past week. Norwich has not been defeated during the past season and at present leads the Eastern Intercollegiate Rifle League.

Engineer Gymnasts Lose to Penn In Last Dual Meet of the Season

In the last dual meet of the season the Technology gym team was defeated by a well-balanced delegation from the University of Pennsylvania in Walker Memorial Gym by the score of 321-2 to 211-2. Kraemer and Kumazawa starred for the visitors, the former amassing a total of 9 points and the latter 7 points.

Golphin and King gave a good exhibition on the horizontals in winning the first two places for the engineers, thereby continuing the fine work they have shown all season. Krueger was barely nosed out of third place by his teammate Kumazawa, who participated in every event but the rope-climb. On the horse, Ehrman of Penn easily outclassed the other entrants, while Captain Turner of Tech was second by a good margin. It was a surprise to hear that Kraemer of Penn was awarded third place over Batt of Tech, as the engineer seemed to have won by a comfortable margin.

Penn Stars on Rings

On the parallel bars Kumazawa gave the best exhibition of the evening and took first place with little trouble. Burgess of Technology took second place but was pushed hard for this position by Goltman of Penn who placed third. The U. of P. had the rings all to themselves with Kraemer giving a wonderful exhibition and Krueger doing well to take second position. Newcomb of Tech was given third place.

Wayne of Tech gave a far better exhibition of the tumbling art than any

of the other contestants and took first by a good margin. Gardiner of Penn was awarded second. Walla of the engineers did remarkably well in his first trial and seemed to have first place cinched but he went off the mat in his second trial and was disqualified. He tied for third place with Kumazawa. In the rope climb the U. of P. produced some fast climbers in Goltman and Kraemer who were not even pushed by the engineer delegation. In the first trials, Goltman and Kraemer were tied with 5-2-10 seconds. In the second trials they were out to equal the intercollegiate record of 5-1-10 seconds. Goltman made it in 5-2-10 seconds, while the watch registered 5-3-10 for Kraemer. Newcomb of Tech was third.

Prepare for Intercollegiates

The team is now preparing for the annual intercollegiate contests to be held at Hanover Saturday. Four men will represent Technology but because of the more or less indifferent season that the team has experienced they do not expect to return with the championship. Captain Turner is entered in the side horse event and during this week of practice he will try to regain the form which he has already proven himself capable of showing.

Golphin is the only entry on the high bar, and if he continues the very brilliant work which he has shown in the last two meets, he, if any of the Technology entrants, should return with a place. Burgess, a Sophomore, will perform on the parallels. Newcomb is the other entrant who will perform at Hanover. He has had varied success throughout the year in the rope climbing race and on the rings and has been one of the most dependable point winners in both of these events. However, he will run into some high class competition at Hanover and will have to work harder than he ever has before in order to place.

Announcement

The M.I.T. INFORMATION OFFICE has been appointed to represent the

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A great group of steamship lines, which operate more than a million tons of shipping, are offering Special Collegiate Tours this summer at round trip rates as low as \$155.

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GIVEN LAST SATURDAY

(Continued from Page 1)

as illustrated at the lecture. The antenna is in the form of a loop mounted on a revolving post. One position of the loop in relation to the loop at the sending station gives greatest amplification; a position at right angles to it gives least amplification; and by thus locating two or three stations a navigating officer can plot the direction lines on a map and locate his position at their intersection. This principle is universally used now by ships lost in fog in unfamiliar waters.

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NORTH GERMAN LLOYD

RURAL DRAMA IS WELL
PRESENTED AT ST. JAMES

Owen Davis' "chronicle of a country town," "Lazybones," termed by critics a second "Lightnin'" is excellently presented at the St. James this week, and Mr. Godfrey's production of this Broadway success merits favorable comment.

For twenty years "Lazybones," shiftless but good-hearted, bears the accusations of neighbors who charge him with being the father of a motherless child which he claims to have found in the brush while fishing along the creek. His mother, Martha Tuttle, a typical, kindly New England woman, cares for the child cheerfully during this time, in spite of the idle village gossip. The stern Mrs. Fanning, openly suspecting Lazybones, forbids her daughter Agnes to keep company with him any longer. It finally develops that her other daughter, Ruth, whom Mrs. Fanning forces to marry the wealthy Elmer Ballister, is the mother of the child, and that Lazybones, a true friend, has sacrificed his own reputation to shield her.

John Collier's performance in the title role is perfect in every way. As the lazy, good-natured youth who would rather "go fishin'" than work he gains the sympathy of his audience at the start and holds their respect and attention throughout. His portrayal of the country character is never overdone and his actions real rather than theatrical in every scene. Miss Hitz as Kit, the unfortunate child, was ever entertaining and her final wooing of Lazybones afforded a pleasing picture

J.B.G

FOUR MORE PLACES
OPEN TO STUDENTSCorporation XV's Annual Trip
Starts This Afternoon
In Special Car

There are still four upper berths available for anyone wishing to go on Corporation XV's Spring Trip. This offer is open to anyone connected with the Institute, but must be acted on quickly as the train taking the special car leaves at 1.20 this afternoon. Warren Nye '25, living in the old dormitories, has charge of tickets, which cost \$18.75 including all costs except breakfasts and incidentals. Luncheons will be supplied by the companies visited.

R. F. Needham '25 said that a few men were going by auto and would join the party in Springfield. Professor W. E. Freedland will also join the group there. It will also be possible to see a later part of the trip by taking the 11.40 train Thursday evening, arriving at the Grand Central Station, New York City the same time as the main party does, or the last day of the trip can be made by coming to the Hotel Commodore Friday evening.

The itinerary of the tour takes in the Rolls-Royce and Gilbert Barker plants in Springfield, visited on Thursday, the Abraham and Straus department store in Brooklyn, and the New York Stock Exchange which will be seen on Friday. On the last day, Saturday, March 21, the party will go to Bayonne, N. J., to inspect the Babcock and Wilcox boiler plant and the refinery of the Standard Oil Company.

J.B.G

Notices and Announcements

OFFICIAL

MS 23

Sophomores taking MS 23 during the third term, who want to choose the R. O. T. C. unit with which they wish to attend must see the officers in charge of the unit desired before the start of the third term. Those who do not select their unit before starting th work will be assigned without being given further opportunity to choose for themselves.

CONDITIONS AND DEFICIENCIES
A charge of \$5.00 is made for each condition or advanced standing examination, and \$5.00 for the removal of each deficiency. No class books for the 3rd term will be issued until all bills have been paid at room 10-180.

DO IT NOW

UNDERGRADUATE

SHOW TRAIN—REDUCED FARE
Tech Show management announces that the special train from New York to Boston, leaving at 4 o'clock, on the morning of March 25 (registration day), will be run at a reduced fare. All Institute students may apply for reservations at Show Office, room 301, Walker.

DEBATING TEAM
All men interested in debating report at room 2-130 on Tuesday March 31 at 5 o'clock.

DE WITT CLINTON GRADUATES
The Alumni Association of the De Witt Clinton High School, New York City, will hold its annual reunion and dance on Saturday evening, April 25, 1925, at the Hotel Waldorf-Astoria, New York City.

Tickets may be secured by application to Mr. Lucian Lamm, secretary-treasurer, at the high school, Tenth Avenue and 59th Street, New York.

CIVIL ENGINEERING SOCIETY
A lecture on "Town and City Planning," will be delivered by A. A. Shurtliff '94, Wednesday, March 25, at 4 in north hall, Walker.

TECHNOLOGY DAMES
The Technology Dames will hold a benefit bridge party in the Emma Rogers Room on Monday, March 16, at 2.30. Tickets 50 cents each. Ice cream, candy, and cake for sale in the corridor outside of the Emma Rogers Room. All Institute men cordially invited to visit our "eats counter."

FRESHMAN HANDBALL
The handball team of Section 9 of the freshman class challenges any other section to a match. Any section wishing to accept see L. A. Forsyth '28.

ELECTRICAL SOCIETY
Farley Osgood '97, President of the A. I. E. E., will speak at the first meeting of the society, Friday, March 27 in room 5-330 at 8 o'clock.

TIMETABLES
For the convenience of men leaving town after exams, the Information Division of the T. C. A. has placed in a rack in its office timetables of 27 different railroad, steamship and bus lines.

CHARMING COMEDY OF
BARRIE'S AT COIPLEY

Delightfully different is the comedy "Dear Brutus," by Sir J. M. Barrie, at the Copley Theatre this week. The story is of a twentieth century Puck who gives a group of people an opportunity to begin life over again, in order that they may not suffer forever for having taken one "wrong turning." The result of this opportunity is what gives the play its name; they all discover:

"The fault, Dear Brutus, is not with our stars
"But with ourselves, that we are underlings."

As in all of Barrie's plays, the characters occasionally forget their proper personalities in order to deliver themselves of some of Barrie's wisdom. However, the interest is not so much with the individual characters as with the general case—the question of whether a leopard, if he could have a paint brush, would be able to change its spots.

The first act serves merely as introduction, and for that reason drags a little. It is relieved from absolute mediocrity by the acting of Victor Tandy as Lob, who declares himself the last survival of Elizabethan England. He jumps around just as one would imagine Puck to do, although three centuries of life on this earth seem to have made him a trifle more serious than he was in Shakespeare's day.

The second act is unusually good; the scene between the artist Dearth and his daughter Margaret is in some respects the best thing Barrie has ever done. Dearth has always felt disappointed that he has no children; his wife is tired of him, and has become a wistful.

wood where he gets a second chance he has a daughter, and he is doing the work he loves, painting woodland scenes. The natural effect of the scene, added to the splendid acting of E. E. Clive and Miss Ediss makes it a scene to be long remembered.

Only slightly less effective is the final scene in which the characters all realize that even though they took the wrong turning, for most of them all roads lead to the same goal. The philanderer who blames it on his wife philanders with his wife when married to his "soulmate." The butler who pilfers rings becomes a "big business" man and steals on a large scale. The woman who has made a wastrel of her husband has had an opportunity to marry the "other man" and is reduced to beggary. The lovable old idler, given a second chance, was still an idler, and proposed again to his wife in a touching scene.

TECH SHOW OPENS AT
SOMERVILLE FRIDAY

(Continued from Page 1)

Friday afternoon. Prices are from 75 cents to \$2.00, somewhat lower than those which will be charged at the Opera House during the Junior Week performances. The management believes that men who do not intend to be in Boston during Junior Week will find this an excellent opportunity to see this year's production.

Final performances will be given in Boston on April 20, 21, and 22. Tickets for the Northampton and local presentations will be available at a later date.

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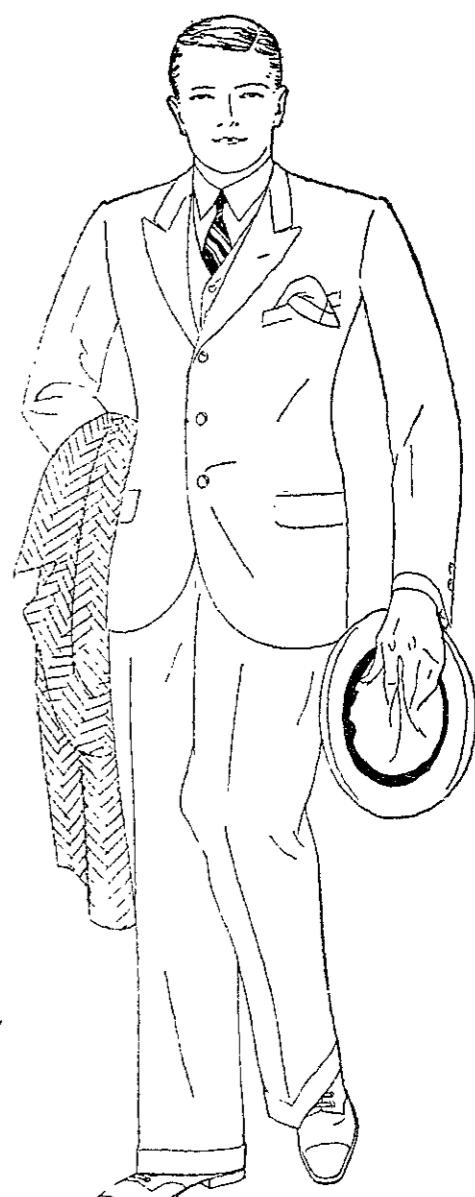
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